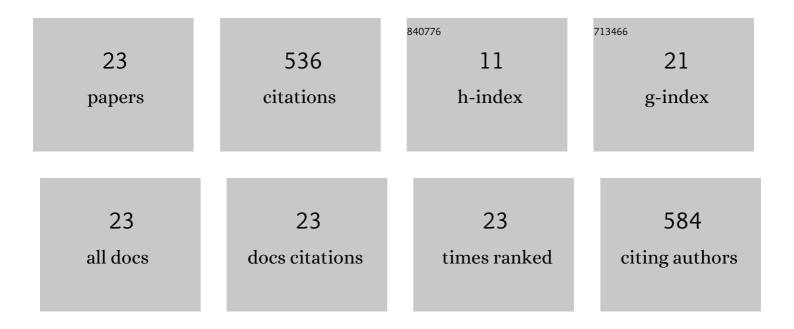
## Kiyonobu Ohtani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3739170/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Measurement of unsteady shock standoff distance around spheres flying at Mach numbers near one. Shock Waves, 2022, 32, 235-239.	1.9	0
2	Observation of the Formation of Multiple Shock Waves at the Collapse of Cavitation Bubbles for Improvement of Energy Convergence. Energies, 2022, 15, 2305.	3.1	5
3	Numerical study on a blast mitigation mechanism by a water droplet layer: Validation with experimental results, and the effect of the layer radius. Physics of Fluids, 2022, 34, .	4.0	2
4	Comparison of blast mitigation performance between water layers and water droplets. Shock Waves, 2021, 31, 89-94.	1.9	6
5	Experimental investigation of transonic and supersonic flow over a sphere for Reynolds numbers of 103–105 by free-flight tests with schlieren visualization. Shock Waves, 2020, 30, 139-151.	1.9	16
6	Damage of twisted tape tethers on debris collision. International Journal of Impact Engineering, 2020, 137, 103440.	5.0	2
7	Critical Condition of Bow-Shock Instability Around Edged Blunt Body. , 2019, , 1087-1093.		0
8	Jetting from cavitation bubbles due to multiple shockwaves. Applied Physics Letters, 2018, 113, .	3.3	16
9	Propagation and branching process of negative streamers in water. Journal of Applied Physics, 2018, 124, 163301.	2.5	7
10	Experimental demonstration of bow-shock instability and its numerical analysis. Shock Waves, 2017, 27, 423-430.	1.9	2
11	Bow-shock instability induced by Helmholtz resonator-like feedback in slipstream. Physics of Fluids, 2015, 27, 066103.	4.0	6
12	Initiation process and propagation mechanism of positive streamer discharge in water. Journal of Applied Physics, 2014, 116, .	2.5	69
13	Fast propagation of an underwater secondary streamer by the appearance of a continuous component in the discharge current. Europhysics Letters, 2014, 105, 15003.	2.0	10
14	Highly Temporal Visualization of Generation Process of Underwater Secondary Streamer From Developed Primary Streamer. IEEE Transactions on Plasma Science, 2014, 42, 2398-2399.	1.3	5
15	Spatiotemporal analysis of propagation mechanism of positive primary streamer in water. Journal of Applied Physics, 2013, 113, .	2.5	27
16	Mechanisms of Primary Blast-Induced Traumatic Brain Injury: Insights from Shock-Wave Research. Journal of Neurotrauma, 2011, 28, 1101-1119.	3.4	225
17	Pressure Generation from Micro-Bubble Collapse at Shock Wave Loading. Journal of Fluid Science and Technology, 2010, 5, 235-246.	0.6	15
18	Experimental study of underwater rock drilling using a pulsed Ho:YAG laser-induced jets. Shock Wayes, 2009, 19, 403-412.	1.9	13

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#	Article	IF	CITATIONS
19	Experimental study of hypervelocity impacts at low temperatures. Shock Waves, 2008, 18, 169-183.	1.9	17
20	HVI tests on CFRP laminates at low temperature. International Journal of Impact Engineering, 2008, 35, 1695-1701.	5.0	31
21	Heat flux measurement over a cone in a shock tube flow. Shock Waves, 2007, 16, 275-285.	1.9	10
22	A study of hypervelocity impact on cryogenic materials. International Journal of Impact Engineering, 2006, 33, 555-565.	5.0	20
23	Attenuation of shock waves propagating over arrayed baffle plates. Shock Waves, 2005, 14, 379-390.	1.9	32